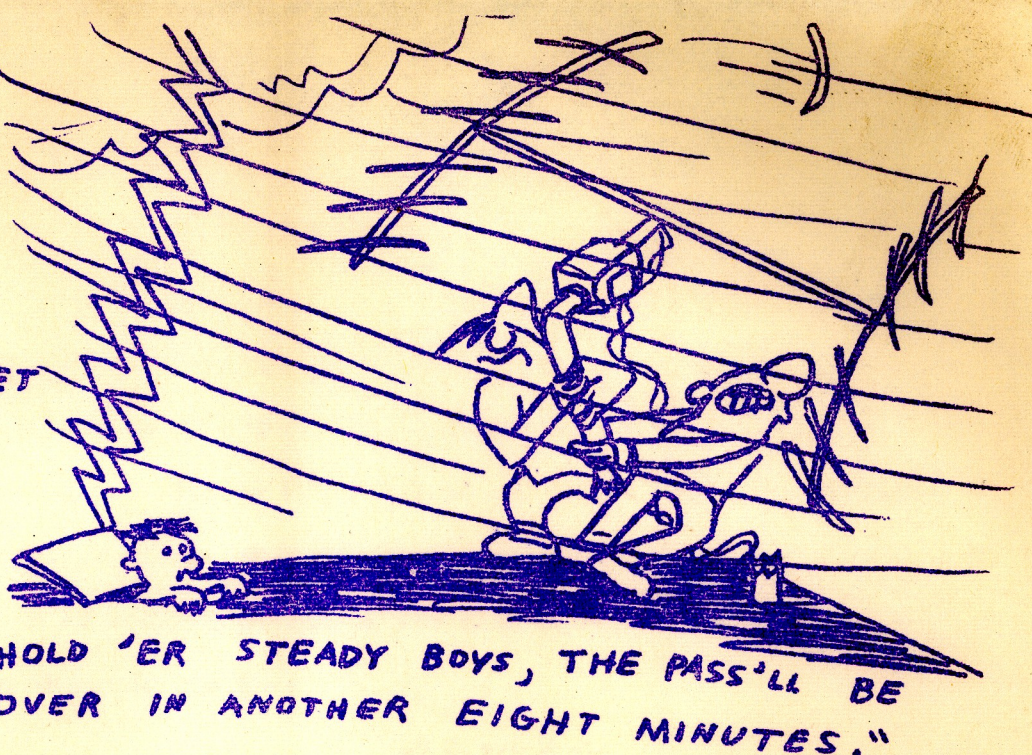


Dr. Crouch
Case S-8

RADIO CLUB W8EDU

THROUGH WIND OR SLEET
OR GLOOM OF NIGHT
THE OSCAR BEAM
MUST GO THROUGH



Case Amateur Radio Club (W8EDU) Newsletter

March 1965

The purpose of this newsletter is to circulate current information pertaining to the Case Amateur Radio Club. It will keep inactive members informed as to the activities the club participates in, and it will also enable members to express their views on club operations.

We sincerely hope that the membership will help contribute to this publication by writing short articles, by sending in interesting circuitry, and by commenting on anything worthwhile.

All articles should be put in Old Main box F-4, or given to Bill Myerson Room 339, Pardoe Hall.

All help will be greatly appreciated. Let's make this newsletter worth the effort and not just another piece of scratch paper.

Current members of the club are:

Ed Kerns, Bill Myerson, Rich Alden, Dave Sicking, Steve Moro, Robert Antinone, Jerry Iannadrea, John De Dourek, Roger Gray, Andy Fedak, Richard Myers, Heinz Wimmer, Emil Pocock, John Krack, Ted Corsica, Christopher Courtney, Dennis Schneider, Roy Sykes, Bill Donze, Jim Misch, Clinton Silverman, Tom Reiner, Craig Wright, Rolland James, Vic Slabinski, Dr. Crouch.

MEET OUR ADVISOR

Dr. Marshal Crouch has been faculty advisor for the Case Amateur Radio Club ever since it was revived nearly three years ago under the present call letters, WBEDU. Dr. Crouch also serves as trustee of WBEDU. He is currently on leave from Case in South Africa investigating the effects of neutrinos two miles below the surface of the earth in a South African mine. When he returns in the fall, he will continue to work with the club as advisor providing the club with surplus equipment and technical information whenever possible.

by Steve Moro

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TIME TO STOP FIGHTING

When a person says he is a "C.B.'er", the average ham immediately thinks of this person as a complete idiot, who doesn't know a resistor from a hole in the ground. He then thinks of this person as a thief—he stole part of OUR radio spectrum! This is indeed an unfortunate reaction.

Granted, many C.B.'ers misuse the service that was created for them—but just as many, and perhaps more, perform worthwhile public services with their C.B. equipment. It would be foolish for a ham club to provide communications for, as an example, a parade—after all, the distances involved are under two miles—but for a C.B. club, this is a different story. Here is a chance for the club to perform a service, and many do. Likewise, when on a vacation, or when traveling, the large number of C.B. units in use, both base and mobile (there are over 700,000 licenses issued in the Citizen Radio Service) provide a vast network of "emergency" communications for the motorist NOT equipped with radio equipment. If the motorist were to have a flat tire on an Interstate highway, chances are that someone with a mobile C.B. unit would pass him before someone with a mobile ham station. This C.B.'er would then relay the problem to a near-by base station (and there is ALWAYS one nearby), and help would be sent.

In times of major disaster, it would be of great benefit to all if both hams and C.B.'ers co-operated with each other. Where hams could provide the much needed long-distance communications, the multitude of C.B.'ers could provide the equally important short range communications.

This reporter feels that both amateur radio clubs, and citizen band radio clubs should work together to better understand each other, and to end this childish C.B.-ham feud.

by Dennis Schneider

If you have equipment for swap or sale, put a list in mailbox F-4 with your call and mailbox number. If you have need for a special item, do the same, and maybe one of the members will have the needed item.

FOR SALE OR SWAP:

	CALL	BOX
20 watt 40-80 meter CW XMTR XTAL controlled with 80 meter xtal.	K3SEA	F-4
Eico-425 5 inch. Oscilloscope.	Ed Kerns	E-112
Knight-kit transistor and diode checker.		
DX-60 XMTR, HR-10 RCVR, Heath Sixer.	WA8LJE	W-22

Those of you who still wish to join the club this semester including summer membership, may take advantage of the special reduced rates of \$1.00 for hams, and \$0.50 for SWL's. Don't miss this opportunity, and fill out the membership application below. Please make all checks payable to The Case Amateur Radio Club, and put them in mailbox F-4.

Name _____ call(if any) _____

Old Main Box _____ Frosh-Soph-Jr-Sr-Grad. (circle one)

Address _____

_____ phone _____

Activities you would like to participate in _____

Class of license _____ CW copying speed _____

For those who haven't visited the shack lately, we now have a HT-44 SSB, AM, CW transmitter with a HQ-170 receiver. On six meters we have a Globe Highbinder, and on two meters, we have our Oscar Satellite tracking station. We also have available a code practice tape machine for those who wish to increase their CW speed. Our tools and multimeter may also be used in the shack by the membership.

The following people helped make this newsletter possible.
Steve Moro, William Myerson, Emil Pocock, Steve Riddlebaugh,
Dennis Schneider, Dave Sicking.

F. C. C. regulations state that every operator should sign his name in the log. This information is very useful to the club. An incidence sometime back shows the importance of filling out logs correctly. The station was suspected of interference to aircraft radio. As a result a section of the log had to be sent to the F. C. C. In such a situation accurately kept logs can greatly clear up the situation. So please sign your name in the log when you operate.

by Dave Sicking

The following is from a letter sent to ARRL affiliated clubs.

Highlights of FCC proposals:

One year after date of adoption of new rules, lowest 25 kc. of 80-40-20-15 meters would be restricted to holders of Extra Class license; after two years, the lowest 50 kc. so restricted.

One year after date of adoption of new rules, certain band segments would be restricted to holders of Extra and new First Class license: lowest fourth of phone bands at 80-40-20-15 meters, lowest 100 kc. of 6 meters, lowest 500 kc. of 2 meters. After two years, restricted privileges for those two classes would be: lower half of phone bands at 80-40-20-15 meters, lowest 250 kc. of 6 meters, and 1 Mc. at bottom of 2-meter band.

An applicant for the new First Class license would need one year tenure as an Advanced, General or Conditional licensee. The code test would be 16 w.p.m. and the written exam would be of difficulty somewhere between the present General and Extra.

Advanced Class would not be renewed except as General Class.

Novices would have a two-year term, and retain present privileges except no voice operation in 145-147 Mc.

Distinctive calls would be assigned. Extra Class holders originally licensed prior to July 1, 1932, would have two-letter calls such as WIAW; Extra holders originally licensed subsequent to that date would have calls such as WAIW. First Class holders originally licensed prior to July 1, 1932, would have calls such as KAIW. General and Advanced would have "standard" calls such as WIAW. Conditionals would have three-letter calls with a distinctive WC prefix, Technicians (take note) WT, and Novices KN/WN as now.

NOTICE OF PROPOSED RULE MAKING, DOCKET 15928 WILL APPEAR IN FULL
IN MAY QST (COPY WILL BE AVAILABLE IN SHACK)

Happy Easter to all of you.